

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/566,593
Source: IFWP
Date Processed by STIC: 06/08/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/566,593

DATE: 06/08/2006

TIME: 09:56:07

Input Set : A:\Sequence Listing.txt
 Output Set: N:\CRF4\06082006\J566593.raw

3 <110> APPLICANT: NISHIMURA, Asuka
 4 MATSUOKA, Makoto
 5 ASHIKARI, Motoyuki
 7 <120> TITLE OF INVENTION: GENES THAT CONFER REGENERATION ABILITY
 8 TO PLANTS AND USES THEREOF (AS AMENDED)
 10 <130> FILE REFERENCE: SHZ-028US
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/566,593
 C--> 12 <141> CURRENT FILING DATE: 2006-01-31
 12 <150> PRIOR APPLICATION NUMBER: US 60/491837
 13 <151> PRIOR FILING DATE: 2003-07-31
 15 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/011307
 16 <151> PRIOR FILING DATE: 2004-07-30
 18 <160> NUMBER OF SEQ ID NOS: 6
 20 <170> SOFTWARE: PatentIn version 3.1
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 23 <211> LENGTH: 12161
 24 <212> TYPE: DNA
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 55 <223> OTHER INFORMATION: "n"=a, t, g or c.
 57 <220> FEATURE:

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102 aaaacggggcg gtcgaaacac gttttcgcaag gcaggcaaac cttccacatg tatcttaacg 180
104 accgtaaaaaa tctccaaattt tcacagggtgg accacagcac cggtttcgca ggctacattt 240
106 cgaatcttcc tgggtgctac agtaaaccac ctgcaaaaaat actcacggcg ccaaaaaaaaaa 300
108 ttccggccag ccccccccccc tccctattca aatcacaat cacaatattct cacaatctc 360
110 atccaaaaaaac aaaatccaat ccaaaaaatcc atacatcaac acaaaggcatt ggattcaaat 420
112 ccacaacatc aatttacaag ttaacatcaa tcaacatgta agctttaaaaa cgaaacgtcg 480
114 tcgtcgccgg caaaactcctt tgcatacggtt gccgctgccc cccccctccc cctctgtccg 540
116 gatttgggag ggaggggaggg aggtgtttgc cgccaccacc gcccctccct ctcctcgtag 600
118 ggcggatct cgggagggag gagaggggag ccgcctccgc acagccatca acgtccgtgc 660
120 cggcgtcgcc tcggttcgcac caccggcgtt gctttccctc ctccggccag atctaggagc 720
122 ggggaggaag agagggggag ccaccgcccac cgtcgcccccc tcgcgtccgc gccgtcgta 780
124 ccgtccacgc cgccgcgtcc gtgcgcggc tgcgtccccc cctcctctgg cgaggaggga 840
126 gagagagggag ggcgtcgccgc cgccgtcgct cccctccctc ggcgaggaggag gagagagggg 900
128 gagggaaagag ggtatggaggg gaggagagtg ggcgtgagag agagagagag agacgctgag 960
130 gagaggaaat gagtggtggg gaggggtgga ggagaagata aggaggactt agattttttt 1020

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138	ggtttatatt	ttcgaagat	cttcatcgac	gacatcgacc	gcgtcctcta	tgacggcaac	1260																
140	gaccgcgtca	ccgacaacgg	catcgatcac	gtcatctacg	atgacaacga	ctgcatcaac	1320																
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164	caat	gcaata	cacc	gaga	aat	ca	ttt	ta	cag	ttgtaac	tatgata	2040											
166	tgt	aatat	gc	tg	ggatcgg	gg	aag	agc	ccc	gt	aatc	agt	cccc	agag	at	ggat	gt	ttc	g	2100			
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184	ac	at	gat	gt	ta	ctt	gt	at	tc	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	2640	
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202	gc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	cc	3180
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218	ag	ac	gg	gt	gt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	3660
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226	at	cgt	gt	g	at	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	ttt	3900
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298	tctcc	ag	cc	ttt	cc	ttt	cc	6051								
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300	1	5	10													
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315	Arg	Glu	Gly	Arg	Tyr	Trp	Val	Leu	Lys	Glu	Lys	Tyr	Arg	Thr	Gly	Leu
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323 Met Glu Gly Gly Ile Lys Glu Leu Ala Lys Met Pro Met Glu Glu Ile	
324 95 100 105 110	
326 gag gcc gac aag ctc tcc aag gag gac atc gac gtg cgg ctc aag tgg	6387
327 Glu Ala Asp Lys Leu Ser Lys Glu Asp Ile Asp Val Arg Leu Lys Trp	
328 115 120 125	
330 ctc ggc ctc ttc cac cgc cgc aag cat cag t gtatgcctct cttctttgc	6438
331 Leu Gly Leu Phe His Arg Arg Lys His Gln	
332 130 135	
334 tcctctgatc aacacatttt ctgcgtttcg ttgcgttatt tgtcgcggccg aggaagttaa	6498
336 ttgcgcaga tattctgcag tttttttct cgtgcacat tcagcaacct aattaagact	6558
338 gattaagttg ctgtgatttt tatacgctaa ttacggcttc gtggtaatg actattata	6618
340 ttgagtaaac atggttaccc ttgatccat cacttcaccc ccatgtgcca tatatagcca	6678
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404 ttcaacactt gaatttatata acctgaatat cttgtttgtt taacacatct gacaaaatca	8598
406 gtgcattctg ttccatatacg atgtatgcat agctccata ttttagttga tcgatgagca	8658

RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 4429,4479,4520,4555,4561,4563,4577,4578,4823,7186,11994

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:37 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:30
L:42 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:35
L:47 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:40
L:52 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:45
L:244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:4380
M:341 Repeated in SeqNo=1
L:490 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:495 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 1
L:611 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:609
L:927 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:920
L:932 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:925
L:937 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:930
L:937 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:935
L:1336 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:4
L:1340 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:4
L:1455 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:1453